

4.2.S. 08010205190.

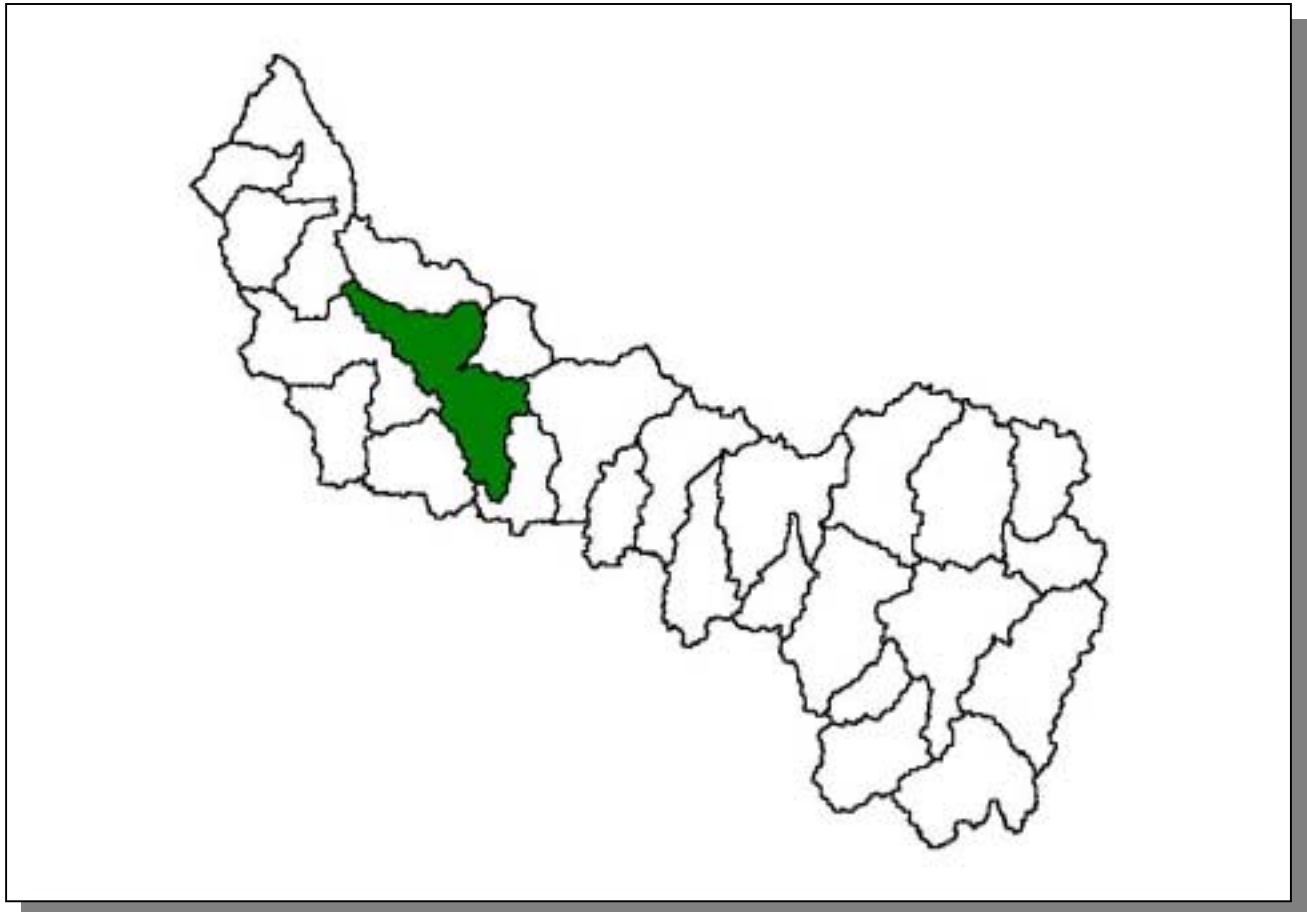


Figure 4-92. Location of Subwatershed 08010205190. All South Fork Forked Deer HUC-14 subwatershed boundaries are shown for reference.

4.2.S.i. General Description.

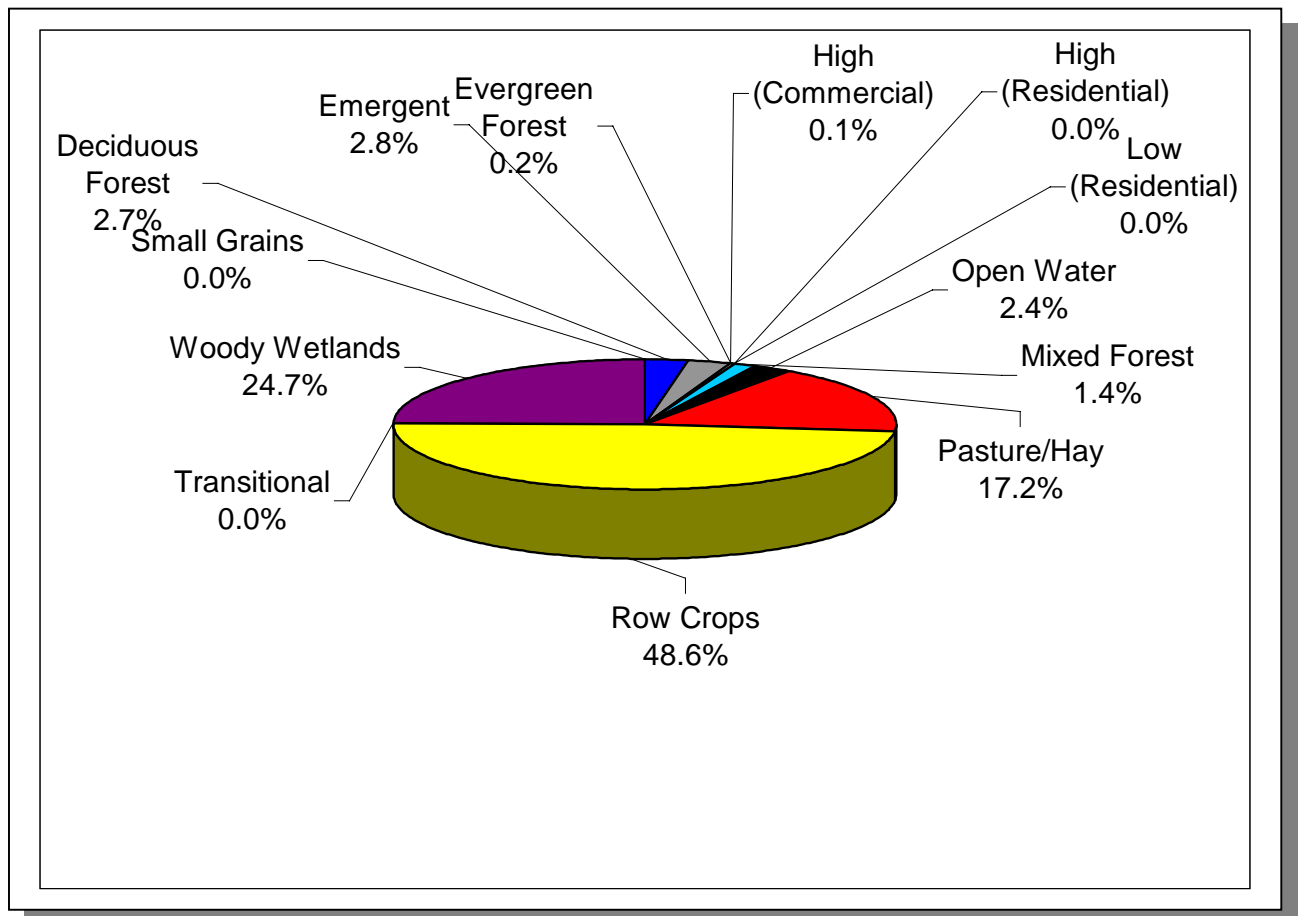


Figure 4-93. Land Use Distribution in Subwatershed 08010205190. More information is provided in SFFD-Appendix IV.

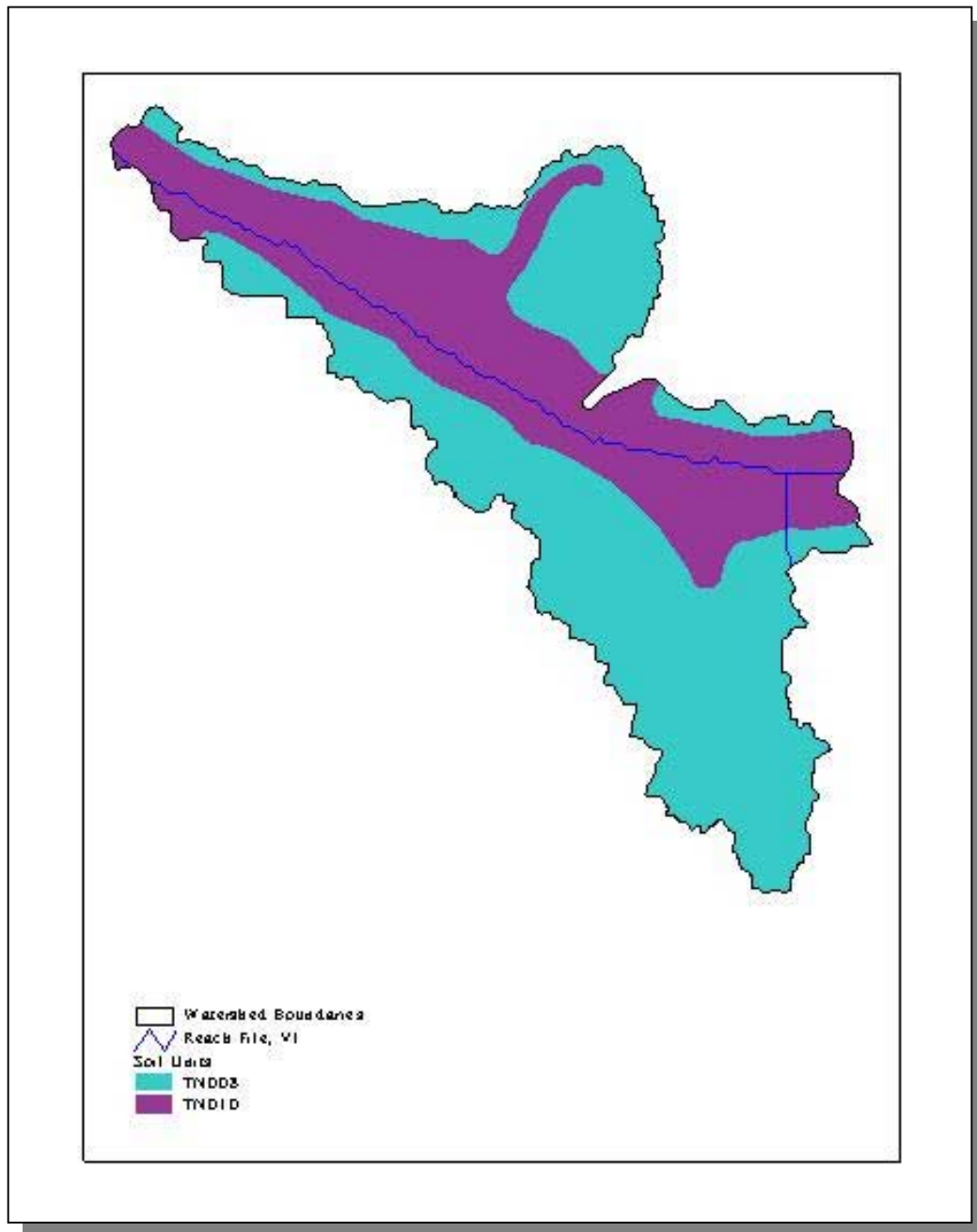


Figure 4-94. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 08010205190.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN008	2.00	C	1.38	5.20	Silty Loam	0.48
TN010	81.00	C	1.33	5.11	Silty Loam	0.44

Table 4-105. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 08010205190. More information is provided in SFFD-Appendix IV.

	COUNTY POPULATION		Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED		% CHANGE
	1990	1997 Est.		1990	1997	
County						
Crockett	13,378	13,841	3.51	469	485	3.4
Haywood	19,437	19,709	9.78	1,902	1,928	1.4
Totals	32,815	33,550		2,371	2,413	1.8

Table 4-106. Population Estimates in Subwatershed 008010205190.



Figure 4-95. Location of Active Point Source Facilities (Individual Permits) in Subwatershed 008010205190. More information is provided in SFFD-Appendix IV.

4.2.S.ii. Point Source Contributions.



Figure 4-96. Location of ARAP Sites (Individual Permits) in Subwatershed 08010205190.
More information is provided in SFFD-Appendix IV.

4.2 S.ii.a. Dischargers to Waterbodies Listed on the 1998 303(d) List.

There is one NPDES facility discharging to water bodies listed on the 1998 303(d) list in Subwatershed 08010205190:

- TN0065218 discharges to South Fork Forked Deer River @ RM 27.1



Figure 4-97. Location of NPDES Dischargers to Water Bodies Listed on the 1998 303(d) List in Subwatershed 08010205190. The names of facilities are provided in SFFD-Appendix IV.

PERMIT #	7Q10	1Q20	30Q2	QDESIGN	QLTA
TN0065218	95.55	0	0	0.15	0.0385

Table 4-107. Receiving Stream Flow Information for NPDES Dischargers to Water Bodies Listed on the 1998 303(d) List in Subwatershed 08010205190. Data are in million gallons per day (MGD). Data were calculated using data in Flow Duration and Low Flows of Tennessee Streams Through 1992.

PERMIT #	CBOD ₅	FECAL
TN0065218	X	X

Table 4-108. Monitoring Requirements for NPDES Dischargers to Water Bodies Listed on the 1998 303(d) List in Subwatershed 08010205190.

PERMIT #	TSS	pH	CBOD ₅	FECAL	DO	TRC	DURATION
TN65218	1	13	1	1	1	4	02/93-7/99

Table 4-109. Number of Permit Violations Based on DMR Data for NPDES Dischargers to Water Bodies Listed on the 1998 303(d) List in Subwatershed 08010205190.

4.2.S.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)					
Beef Cow	Cattle	Milk Cow	Chickens	Hogs	Sheep
417	747	<5	<5	168	<5

Table 4-110. Summary of Livestock Count Estimates in Subwatershed 08010205190. According to the Census of Agriculture, "Cattle" includes heifers, heifer calves, steers, bulls and bull calves.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Crockett	15.1	15.1	0.3	1.6
Haywood	71.2	71.2	1.7	6.4
Totals	86.3	86.3	2.0	8.0

Table 4-111. Forest Acreage and Average Annual removal rates (1987-1994) in Subwatershed 08010205190.

CROP	TONS/ACRE/YEAR
Corn (Row Crops)	6.89
Soybeans (Row Crops)	8.15
Cotton (Row Crops)	12.62
Grass (Hayland)	3.20
Grass (Pastureland)	0.70
Grass, Forbs, Legumes, (Mixed Pasture)	0.29
Forest Land (Not Grazed)	0.00
Farmsteads and Ranch Headquarters	0.56
Other Land in Farms	0.16
Conservation Reserve Program Land	0.87
Forest Land (Grazed)	0.00
Non Agricultural Land Use	0.00
Sorghum (Row Crops)	4.02
Other Vegetable and Truck Crops	4.20
All Other Close Grown Cropland	3.08
Other Cropland not Planted	0.85
Fruit (Horticultural)	0.76

Table 4-112. Annual Soil Loss in Subwatershed 08010205190.